

Amendments to the Claims

This listing of claims will replace all prior versions, and listing, of claims in the application:

Listing of Claims:

1. (Original) A calibration system for calibrating an optical sensor in a hardcopy device, comprising:
 - a target having a selected optical property;
 - a removable cover selectively covering the target; and
 - a cover opening member which selectively removes the cover to expose the target for viewing by the optical sensor.
2. (Original) A calibration system according to claim 1 wherein the selected optical property comprises a color.
3. (Original) A calibration system according to claim 2 wherein said color comprises white.
4. (Original) A calibration system according to claim 1 wherein:
 - the hardcopy device includes a moveable member which supports the optical sensor; and
 - the cover opening member comprises a portion of the optical sensor which engages the cover to expose the target.
5. (Original) A calibration system according to claim 1 wherein the cover pivots to expose the target.
6. (Original) A calibration system according to claim 1 wherein the cover has an open window portion through which the target is exposed for viewing by the optical sensor.

7. (Currently Amended) A calibration system according to claim 1 further ~~including~~ comprising a biasing member which biases the cover into a closed position when unused, and which is stressed when the opening member moves the cover to an open position to expose the target.

8. (Original) A calibration system according to claim 7 wherein:
the cover pivots between the closed position and the open position; and
the biasing member comprises a coil spring.

9-42 (Canceled)

43. (New) A calibration system for calibrating an optical sensor in a hardcopy device, comprising:

a target having a selected optical property;

a removable cover selectively covering the target, wherein the cover has an open window portion through which the target is exposed for viewing by the optical sensor;

a cover opening member which selectively removes the cover to expose the target for viewing by the optical sensor, wherein the cover opening member comprises a portion of the optical sensor which pivots the cover to expose the target; and

a biasing mechanism which biases the cover into a closed position when unused, and which is stressed when the optical sensor moves the cover to an open position to expose the target.

44. (New) The system according to claim 43 wherein the selected optical property comprises a color.

45. (New) The system according to claim 44 wherein the color comprises white.

46. (New) The system according to claim 43 wherein the biasing mechanism is a coil spring.

47. (New) The system according to claim 46 wherein the cover member is removed by pivoting the cover member.

48. (New) The system according to claim 46 wherein the cover member is operable to be repositioned over the target by pivoting the cover member.

49. (New) The system according to claim 43 wherein the target is positioned on a service station within the device.

50. (New) The system according to claim 49 wherein the cover member has a window there-through for viewing the target by the optical sensor.

51. (New) The system according to claim 50 wherein the window is operable to align between the optical sensor and the target.

52. (New) The system according to claim 51 wherein the cover member pivots between a covering position and a viewing position, wherein the viewing position aligns the optical sensor and the target for viewing.

53. (New) The system according to claim 52 wherein the cover member is pivoted into the covering position by relaxing a biasing member.

54. (New) The system according to claim 53 wherein the cover member is pivoted into the viewing position comprises stressing the biasing member.

55. (New) A calibration system for calibrating an optical sensor in a hardcopy device, comprising:

 a target having a selected optical property;

 a movable cover selectively covering the target; and

 an open window portion formed on the movable cover through which the target is exposed for viewing when the window portion is positioned between the target and the optical sensor.

56. (New) The system according to claim 55, wherein the target is positioned in a service area within the hard copy device.

57. (New) The system according to claim 55, wherein a target cover is positioned adjacent to the target and between the target and the optical sensor.
58. (New) The system according to claim 55 wherein the selected optical property comprises a color.
59. (New) The system according to claim 58 wherein the color comprises white.
60. (New) The system according to claim 55 further comprising:
a moveable member which supports the optical sensor; and
a cover opening member comprising a portion of the optical sensor which engages the cover to expose the target.
61. (New) The system according to claim 55 wherein the cover pivots to expose the target.
62. (New) The system according to claim 55 further comprising a biasing member which biases the cover into a closed position when unused.
63. (New) The system according to claim 62 further comprising a biasing member which is stressed when the opening member moves the cover to an open position to expose the target.
64. (New) The system according to claim 55 wherein:
the cover selectively covers the target by pivoting into a first position or into a second position; and
the target is exposed for viewing by the sensor when the cover pivots between the first and second positions.
65. (New) The system according to claim 55 comprising an inkjet printing mechanism wherein:
the first position is a print position; and

the second position is a servicing position.

66. (New) The system according to claim 55 further comprising:
a servicing region;
a service station housed within the servicing region; and
a carriage which reciprocates a printhead through a print zone and into the servicing region, with the carriage also supporting the optical sensor.
67. (New) The system according to claim 66 wherein the cover pivots while exposing and covering the target.
68. (New) The system according to claim 66 wherein:
the carriage moves the printhead into a servicing position in the servicing region;
the optical sensor pivots the cover into the first covering position when transported through the print zone; and
the optical sensor pivots the cover into the second covering position when the carriage moves the printhead into the servicing position.
69. (New) The system according to claim 55 wherein the cover covers the target when in a first and a second covering position, while exposing the target when pivoting between the first and second covering positions.
70. (New) The system according to claim 55 wherein:
a sensor generates a sensor signal in response to received reflected light; and
the hardcopy device further comprises a controller which adjusts an operating parameter of the hardcopy device in response to the sensor signal.
71. (New) The system according to claim 55 further comprising plural light emitting elements each emitting different colors.
72. (New) The system according to claim 71 wherein:
a first light emitting element emits a blue light;
a second light emitting element emits a green light; and

a third light emitting element emits a red light.

73. (New) The system according to claim 72 further comprising a fourth light emitting element which emits and orange light.

74. (New) The system according to claim 55 wherein a sensor receives diffuse light reflected from an illuminated object.

75. (New) The system according to claim 74 further comprising a second sensor which receives specular light reflected from the illuminated object.

76. (New) A calibration system for calibrating an optical sensor in a hardcopy device, comprising:

- a target having a selected optical property;

- a removable cover selectively covering the target;

- a cover opening member which selectively removes the cover to expose the target for viewing by the optical sensor;

- the selected optical property comprises a white color;

- the hard copy device includes a moveable member which supports the optical sensor;

- the cover opening member comprises a portion of the optical sensor which pivots the cover to expose the target;

- the cover has an open window portion through which the target is exposed for said viewing; and

- the calibration system further comprises a coil spring which biases the cover into a closed position when unused, and which is stressed when the optical sensor moves the cover to an open position to expose the target.